Peptide Test Canada
peptidetestcanada.ca
Canada's Most Trusted Independent Peptide Testing Lab

Certificate of Analysis

SCAN TO VERIFY
PTC-JMLCY3TW

Lab ID: **IPA-464**

REPORTED September 30, 2026

VERIFY peptidetestcanada.ca/verify
EMAIL info@peptidetestcanada.ca

END CUSTOMER
NAME nexgenamino.com/
info@nexgenamino.com

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	**IPA-464**	Received:	**09/04/2026**
Compound:	**Ipamorelin**	Analyzed:	**09/28/2026**
Report No.:	**COA-2026-SC-33145**	CAS:	**170851-70-4**
Total Mass:	**63.7 mg**	Formula:	**$C_{38}H_{49}N_9O_5$**
Appearance:	**Lyophilized powder**	Mol Weight:	**711.9 g/mol**

SAMPLE PHOTOGRAPH



§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)

	SPECIFICATION	RESULT	STATUS
Compound Test:	Ipamorelin	**Ipamorelin**	**PASS**
Net Peptide Content:	5.00 mg	**5.22 mg**	
Peptide Fill Accuracy:	≥ 90 %	**104.4 %**	
Chromatographic Purity:	≥ 98 %	**99.1 %**	

Peptide fill accuracy is the measured net peptide content expressed as a percentage of the declared label claim (measured ÷ label claim × 100).

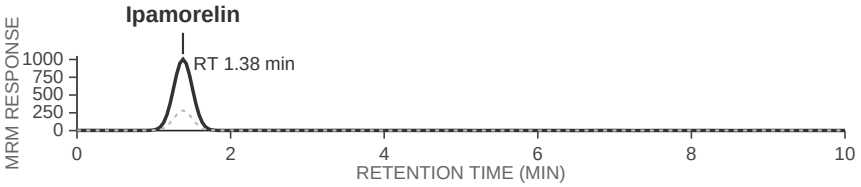
Chromatographic purity is the target peptide's concentration as a percentage of the total peptide concentration measured — the target peptide against the other trace peptides detected in the same sample. It reflects peptide-related impurities only; it does not measure salts, excipients, or water, and is separate from net peptide content (the actual mg of peptide). **—** means not determined.

§ 03 HPLC-MS/MS Detail

METHOD A · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+2H]2+
357.00 Da

Quantifier transition ● MRM
357.00 › 100.10 CE 12 V



ROLE	TRANSITION	CE
● Quantifier	357.0 › 100.1	12 V

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 µm · Solvent A: 0.1 % formic acid in H_2O · Solvent B: 0.1 % formic acid in Acetonitrile

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DISCLAIMER · RESEARCH USE ONLY

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